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[Jacques Cohen](#)

June 2004 Computing Surveys (CSUR) , Volume 36 Issue 2

Publisher: ACM

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The article aims to introduce computer scientists to the new field of bioarisen from the needs of biologists to utilize and help interpret the vast constantly being gathered in genomic research---and ...

Key words: DNA, Molecular cell biology, RNA and protein structure, alignment modeling, computer, dynamic programming, hidden-Markov-models, m sequences, phylogenetic trees

### 2 [SmartKom mobile: intelligent ubiquitous user interaction](#)

[Rainer Malaka, Jochen Haeussler, Hidir Aras](#)

January 2004 IUI '04: Proceedings of the 9th international conference on I

Publisher: ACM

Full text available: Pdf (178.24 KB)

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This paper presents SmartKom Mobile, the mobile version of the SmartKom brings together highly advanced user interaction and mobile computing ubiquitous access to multi-domain information. SmartKom ...

Key words: intelligent assistants, interface agents, natural language processing, ubiquitous interfaces

### 3 [Frontmatter \(TOC, Letters, Philosophy of computer science, Interview software requirements creation from folklore to analysis, SW composition from business to systems and technology, Software engineering survey](#)

September 2005 SIGSOFT Software Engineering Notes , Volume 30 Issue 5

Publisher: ACM

Full text available: Pdf (1.98 MB)

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#### 4 [Integration of simultaneous searching and reference linking across b the web](#)



[William H. Mischo](#), [Thomas G. Habing](#), [Timothy W. Cole](#)

July 2002 JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference

Publisher: ACM

Full text available: Pdf (279.99 KB) Additional Information: [full citation](#), [abstract](#), [n](#)

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Libraries and information providers are actively developing customized p  
designed to integrate secondary information resources such as A & I ser  
publishers full-text repositories. This paper reports ...

Keyw ords: asynchronous simultaneous search, digital library, openURL

#### 5 [Proceedings of the 28th international conference on Software engine](#)



[Leon J. Osterweil](#), [Dieter Rombach](#), [Mary Lou Soffa](#)

May 2006 ICSE '06: Proceedings of the 28th international conference on

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

We welcome you to the Twenty-Eighth International Conference on Soft  
Shanghai, China. This is the first instance of the ICSE conference series  
an exciting time and place for ICSE 2006. The conference ...

#### 6 [Finding bugs in dynamic web applications](#)



[Shay Artzi](#), [Adam Kiezun](#), [Julian Dolby](#), [Frank Tip](#), [Danny Dig](#), [Amit Paradkar](#)

July 2008 ISSSTA '08: Proceedings of the 2008 international symposium on  
analysis

Publisher: ACM

Full text available: Pdf (390.81 KB) Additional Information: [full citation](#), [abstract](#), [n](#)

Bibliometrics: Downloads (6 Weeks): 39, Downloads (12 Months): 240, Citatio

Web script crashes and malformed dynamically-generated Web pages a  
seriously impact usability of Web applications. Current tools for Web-pa  
the dynamically-generated pages that are ubiquitous on today's ...

Keyw ords: dynamic analysis, php, software testing, web applications

#### 7 [Proceedings of the 2006 international workshop on Software quality](#)



[Sunita Chulani](#), [Barry Boehm](#), [June Verner](#), [Bernard Wong](#)

May 2006 WoSQ '06: Proceedings of the 2006 international workshop on S



Publisher: ACM

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio



#### 8 [A semantic approach to approximate service retrieval](#)

[Eran Toch](#), [Avigdor Gal](#), [Iris Reinhartz-Berger](#), [Dov Dori](#)

-  November 2007 Transactions on Internet Technology (TOIT) , Volume 8  
 Publisher: ACM  
 Full text available:  Pdf (1.79 MB) Additional Information: [full citation](#), [abstract](#), [Bibliometrics](#)  
 Bibliometrics: Downloads (6 Weeks): 27, Downloads (12 Months): 483, Citation



Web service discovery is one of the main applications of semantic Web : standard Web services with semantic annotations. Current discovery sol context of automatic service composition. Thus, the "client" ...

Keywords: Web service, ontology, semantic web, service retrieval

- 9 [Survey of graph database models](#)  
 Renzo Angles, Claudio Gutierrez  
 February 2008 Computing Surveys (CSUR) , Volume 40 Issue 1  
 Publisher: ACM  
 Full text available:  Pdf (1.59 MB) Additional Information: [full citation](#), [abstract](#), [Bibliometrics](#)  
 Bibliometrics: Downloads (6 Weeks): 192, Downloads (12 Months): 2557, Citation

Graph database models can be defined as those in which data structure are modeled as graphs or generalizations of them, and data manipulative oriented operations and type constructors. These models ...

Keywords: Database systems, database models, graph database model integrity constraints, graph query languages

- 10 [Image annotations by combining multiple evidence & wordNet](#)  
 Yohan Jin, Latifur Khan, Lei Wang, Mamoun Awad  
 November 2005 MULTIMEDIA '05: Proceedings of the 13th annual ACM international Multimedia  
 Publisher: ACM  
 Full text available:  Pdf (224.86 KB) Additional Information: [full citation](#), [abstract](#), [Bibliometrics](#)  
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The development of technology generates huge amounts of non-textual An efficient image annotation and retrieval system is highly desired. Clu possible to represent visual features of images with ...


Keywords: Dempster-Shafer rule, corel dataset, image annotation, ser

- 11 [A gentle introduction to bilateral filtering and its applications](#)  
 Sylvain Paris  
 August 2007 SIGGRAPH '07: SIGGRAPH 2007 courses  
 Publisher: ACM  
 Full text available:  Mov (100:20 MIN),  Pdf (27.35 MB) Additional Information: [full citation](#), [abstract](#), [Bibliometrics](#)  
 Bibliometrics: Downloads (6 Weeks): 53, Downloads (12 Months): 598, Citation




- Image-based modeling and photo editing *Oh et al.* ACM SIGGRAPH course for Computing Machinery, Inc. Reprinted by permission. <http://doi.acm.org>



Fast bilateral filtering for the display of high-dynamic-range ...

- 12 [Proceedings of the 2006 international workshop on Early aspects at](#)  
 [Paul C. Clements](#)  
 May 2006 EA '06: Proceedings of the 2006 international workshop on Early  
 Publisher: ACM  
 Additional Information: [full citation](#)  
 Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

- 13 [Proceedings of the 2008 ACM symposium on Applied computing](#)  
 [Roger L. Wainwright, Hisham M. Haddad](#)  
 March 2008 SAC '08: Proceedings of the 2008 ACM symposium on Applied  
 Publisher: ACM  
 Additional Information: [full citation](#), [abstract](#)  
 Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

Welcome to the 23rd Annual ACM Symposium on Applied Computing (S. event is dedicated to computer scientists, engineers, and practitioners s various areas of computer applications. This year, the conference ...


- 14 [Information systems frontiers](#)  
 [Jagdish Chandra, Salvatore T. March, Satyen Mukherjee, Will Pape, R. Ram Waddoups](#)  
 January 2000 Communications of the ACM , Volume 43 Issue 1  
 Publisher: ACM  
 Full text available:  [Html](#) (41.07 KB),  [Pdf](#) (1.70 MB) Additional Information: [full citation](#)  
 Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 79, Citation (


- 15 [Server-centric Web frameworks: An overview](#)  
 [Iwan Vostoc, Derrick G. Kourie](#)  
 April 2008 Computing Surveys (CSUR) , Volume 40 Issue 2  
 Publisher: ACM  
 Full text available:  [Pdf](#) (254.93 KB) Additional Information: [full citation](#), [abstract](#), [n](#)  
 Bibliometrics: Downloads (6 Weeks): 175, Downloads (12 Months): 1996, Cita

Most contemporary Web frameworks may be classified as server-centric frameworks is presented. It is based on information gleaned from surve frameworks, as well as from popular related specifications. ...

Keywords: Architecture, specification techniques, user interfaces, web

- 16 [Journal of Computing Sciences in Colleges: Volume 22 Issue 3](#)  
 January 2007 Journal of Computing Sciences in Colleges  
 Publisher: Consortium for Computing Sciences in Colleges  
 Additional Information: [full citation](#), [index terms](#)  
 Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio



- 17 [A<sup>3</sup>TV: anytime, anywhere and by anyone TV](#)  
 [Felipe Soares de Oliveira, Carlos Eduardo C. F. Batista, Guido Lemos de So](#)

October 2008 MindTrek '08: Proceedings of the 12th international conference on  
media in the ubiquitous era  
Publisher: ACM  
Full text available:  Pdf (1.22 MB) Additional Information: [full citation](#), [abstract](#), [references](#)  
Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 40, Citation (6 Weeks): 0, Citation (12 Months): 0

The cultural paradigm we experience today is absolutely different from all its formats were created: Internet and all its functionalities have impacted broadcast services nowadays are, also, not the ...

Keywords: collaborative work, communication systems, social TV



#### 18 [Stacked-widget visualization of scheduling-based algorithms](#)

 [Tony Bernardin](#), [Brian C. Budge](#), [Bernd Hamann](#)  
September 2008 SoftVis '08: Proceedings of the 4th ACM symposium on Software visualization  
Publisher: ACM  
Full text available:  Pdf (1.48 MB) Additional Information: [full citation](#), [abstract](#), [references](#)  
Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 29, Citation (6 Weeks): 0, Citation (12 Months): 0



We present a visualization system to assist designers of scheduling-based algorithms. Our system facilitates the understanding and improving of the design of visual widgets that effectively correlate the ...

Keywords: data visualization, information visualization, out-of-core management

#### 19 [The IBM data warehouse architecture](#)





 [Charles Bontempo](#), [George Zagelow](#)  
September 1998 Communications of the ACM , Volume 41 Issue 9  
Publisher: ACM  
Full text available:  Pdf (817.29 KB) Additional Information: [full citation](#), [references](#)  
Bibliometrics: Downloads (6 Weeks): 30, Downloads (12 Months): 475, Citation (6 Weeks): 0, Citation (12 Months): 0

#### 20 [Ray tracing deformable scenes using dynamic bounding volume hierarchies](#)

 [Ingo Wald](#), [Solomon Boulos](#), [Peter Shirley](#)  
January 2007 Transactions on Graphics (TOG) , Volume 26 Issue 1  
Publisher: ACM  
Full text available:  Pdf (4.61 MB) Additional Information: [full citation](#), [abstract](#), [references](#)  
Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 432, Citation (6 Weeks): 0, Citation (12 Months): 0

The most significant deficiency of most of today's interactive ray tracers is the lack of support for dynamic scenes. This restriction is due to the static nature of the acceleration structures. While the best reported frame rates for static ...

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